

WHAT IS CLAIMED IS:

1. A method for predicting and estimating coordinates of a touch panel providing a filter to the touch panel, the filter predicting the antecedent and estimating X-coordinate and Y-coordinate by predict technique to calculate a sampling cycle, a predicted X-coordinate and a predicted Y-coordinate. And then the filter estimates the estimating X-coordinate and Y-coordinate by using the predicted X-coordinate, the predicted Y-coordinate, the present measurement X-coordinate and the present measurement Y-coordinate and relying on the Orthogonal Principle. Consequently, the estimating X-coordinate and the Y-coordinate are more accurate than that of the conventional touch panel and has a good relationship with adjacent coordinates.
10
2. The method as claimed in claim 1, wherein the filter is a Kalman filter.
15